Contents of volume 107

No. 1: pp 1-136 issued in March 1991 No. 2: pp 137-272 issued in April 1991 No. 3: pp 273-416 issued in May 1991 No. 4: pp 417-518 issued in June 1991

Adamy J → Boullier A-M 358-372 Andersen T → Hansteen TH 242-254 Arsadi EM → Tatsumi Y 137-149

Askren DRR, Whitney JA, Roden MF: Petrology and geochemistry of the Huerto Andesite, San Juan volcanic field, Colorado 373–386

Asmerom Y, Patchett PJ, Damon PE: Crust-mantle interaction in continental arcs: inferences from the Mesozoic arc in the southwestern United States 124– 134

Balakrishnan S, Hanson GN, Rajamani V: Pb and Nd isotope constraints on the origin of high Mg and tholeitic amphibolites, Kola Schist Belt, South India 279– 292

Ballhaus C, Berry RF, Green DH: High pressure experimental calibration of the olivine-orthopyroxene-spinel oxygen geobarometer: implications for the oxidation state of the upper mantle 27–40 Berry RF — Ballhaus C 27–40

Bone6 M, Heumann KG, Haack U: Cl, Br and I analyses of metamorphic and sedimentary rocks by isotope dilution mass spectrometry 94–99

Bosbech D, Stoech H-G, Seidel E: Magmatic and metamorphic evolution of metagabbros in the Münchberg Massif, N.E. Bavaria 112–123

Boullier A-M, France-Lanord C, Dubessy J, Adamy J, Champenois M: Linked fluid and tectonic evolution in the High Himalaya mountains (Nepal) 358–372

Bridgwater D → Wedepohl KH 163–179 Brown PE → Dempster TJ 459–471 Brown PE → Lamb WM 472–483

Byerly GR, Palmer MR: Tourmaline mineralization in the Barberton greenstone belt, South Africa: early Archean metasomatism by evaporite-derived boron 387–402

Chalot-Prat F: Clinopyroxenes from space- and time-associated "withinplate dominant" and "subduction-related" Variscan basic rocks (Tazekka, Morocco) 231–241

Champenois M → Boullier A-M 358-372 Cundari A, Ferguson AK: Petrogenetic relationship between melilitite and lamproite in the Roman Comagmatic Region; the lavas of S. Venanzo and Cupaello 343-357

Czamanske GK → Wooden JL 80-93

Damon PE → Asmerom V 124-134
Dempster TJ, Hutton DHW, Harrison TN,
Brown PE, Jenkin GRT: Textural evolution of the rapakivi granites, south

Greenland - Sr, O and H isotopic investigations 459-471

Devine JD → Metrich N 435-447 Dickin AP → Leat PT 310-327

Dorais MJ, Whitney JA, Stormer JC Jr: Mineralogical constraints on the petrogenesis of trachytic inclusions. Carpenter Ridge Tuff, Central San Juan volcanic field, Colorado 219–230

Dubessy J → Boullier A-M 358-372

Echeverria LM → Walker RJ 150-162 El Moutaouakkil N → Velde B 21-26

El-Shazly AK, Liou JG: Glaucophane chloritoid-bearing assemblages from NE Oman: petrologic significance and a petrogenetic grid for high P metapelites 180-201.

Errata 135, 415

Ferguson AK → Cundari A 343–357
Florence FP, Spear FS: Effects of diffusional modification of garnet growth zoning
on P − T path calculations 487–500
France-Lanord C → Boullier A-M 358–
372

Gillet P → Robie RA 484-486 Green DH → Ballhaus C 27-40 Griffin WL → Smith D 60-79 Groenewald PB → Harris C 100-111

Haack U → Bone8 M 94-99
Hansmann W, Oberli F: Zircon inheritance
in an igneous rock suite from the southern Adamello batholith (Italian Alpe). Implications for petrogenesis 501-518

Hanson GN → Balakrishnan S 279-292
Hansteen TH, Andersen T, Neumann E-R,
Jelsma H: Fluid and silicate glass inclusions in ultramatic and matic xenoliths
from Hierro, Canary Islands: Implications for mantie metasomatism 242254

Harris C, Watters BR, Groenewald PB: Geochemistry of the Mesozoic regional basic dykes of western Dronning Maud Land, Antarctica 100–111
Harrison TN → Dempster TJ 459–471
Heinrichs H → Wedepohl KH 163–179
Helz RT → Scowen PAH 8–20
Hemingway BS → Robie RA 484–486
Hendry GL → Leat PT 310–327
Heumann KG → Bone8 M 94–99
Horan MF → Walker RJ 150–162
Hutton DHW → Dempster TJ 459–471

lijima A → Velde B 21–26 International Mineralogical Association (IMA): 15th General Meeting, Beijing, China, June 26–July 3, 1990: Opening Ceremony/Council 1990-1994/Constitution as of July, 2, 1990 264-272

Ishizuka H: Pumpellyite from zeolite facies metabasites of the Horokanai ophiolite in the Kamuikotan zone, Hokkaido, Japan 1–7

Jelsma H → Hansteen TH 242-254 Jenkin GRT → Dempster TJ 459-471 Johnston AD → Patiño Douce AE 202-218

Klemd R, Matthes S, Okrusch M: Highpressure relics in meta-sediments intercalated with the Weissenstein eclogite, Münchberg gneiss complex, Bavaria 328-342

Lamb WM, Brown PE, Valley JW: Fluid inclusions in Adirondack granulites: implications for the retrograde P – T path 479–483

Leat PT, Thompson RN, Morrison MA, Hendry GL, Dickin AP: Alkaline hybrid mafic magmas of the Yampa area, NW Colorado, and their relationship to the Yellowstone mantle plume and lithospheric mantle domains 310-327

Li H, Schwarcz HP, Shaw DM: Deep crustal oxygen isotope variations: the Wawa-Kapus-kasing crustal transect, Ontario 448-458

Liou JG → El-Shazly AK 180-201

Mathez EA → Nicholson DM 293-309 Matthes S → Kiernd R 326-342

Metrich N, Sigurdsson H, Meyer PS, Devine JD: The 1783 Lakagigar eruption in Iceland: geochemistry, CO₂ and sulfur degassing 435-447

Meyer PS → Metrich N 435–447 Morrison MA → Leat PT 310–327 Murasaki M → Tatsumi Y 137–149

Neumann E-R → Hansteen TH 242-254 Nicholson DM, Mathez EA: Petrogenesis of the Merensky Reef in the Rustenburg section of the Bushveld Complex 293-309

Nielsen FM, Wilson JR: Crystallization processes in the Bjerkreim-Sokndal layered intrusion, south Norway: evidence from the boundary between two macrocyclic units 403-414

Nohda S → Tatsumi Y 137-149

Oberli F → Hansmann W 501-518 Okrusch M → Klemd R 328-342

Palmer MR → Byerly GR 387–402 Patchett PJ → Asmerom Y 124–134 Patiño Douce AE, Johnston AD: Phase equilibria and melt productivity in the petitic system: implications for the origin of peraluminous granitoids and aluminous granulitee 202-218

Rajamani V → Balakrishnan S. 279–292
Reynard B → Robie RA. 484–486
Riobie RA, Hemingway BS, Gillet P, Reynard B: On the entropy of glaucophane Na, Mg, Al, Si, O_m (OH), 484–486
Roden MF → Askren DRR 373–386
Roeder PL → Scoven PAH 8–20
Rushmer T: Partial melting of two amphibolites: contrasting experimental results under fluid-absent conditions 41–59
Ryan CG. → Smith D. 60–79

Saxene SK → Zhang Z 255-263
Schwarcz HP → Li M 448-458
Scowen PAH, Roeder PL, Helz RT: Reequilibration of chromite within Kilauea hi lava lake, Hawaii 8-20
Seidel E → Bosbach D 112-123
Shaw DM → Li M 446-456
Shirey SB → Walker RJ 150-162
Sie SH → Smith D 60-79
Sigurdsson H → Metrich N 435-447
Smith D, Griffin WL, Ryen CG, Sie SH:
Trace-element zonation in garnets from

The Thumb: heating and melt infiltration below the Cotorado Plateau 60-79
Spear FS → Florence FP 487-500
Steiger RH → Stille P 273-278
Stille P, Steiger RH: Hf isotope systematics in granitoids from the central and southern Alpa 273-278
Stormer JC Jr → Dorais MJ 219-230
Stosch H-G → Bosbach D 112-123

Tatsumi Y, Murasaki M, Arsedi EM, Nohda 8: Geochemistry of Quaternary lavas from NE Sulawesi: transfer of subduction components into the mantle wedge 137–149

Thompson RN → Leat PT 310-327

Valley JW → Lamb WM 472-483

Velde B, El Moutaouakkil N, tijima A:

Compositional homogeneity in low-temperature chlorites 21-26

Walker RJ, Echeverria LM, Shirey SB, Horan MF: Re — Os isotopic constraints on the origin of volcanic rocks, Gorgona Island, Colombia: Os isotopic evidence for ancient heterogeneities in the mantie: 150-162

Watson EB: Diffusion in fluid-bearing and

slightly-melted rocks: experimental and numerical approaches illustrated by iron transport in dunite 417-434 Watters BR → Harris C 100-111 Wedepohl KH, Heinrichs H, Bridgwater D: Chemical characteristics and genesis of the quartz-feldspathic rocks in the Archean crust of Greenland 163-179 Whitney JA → Askren DRR 373-386 Whitney JA → Dorais MJ 219-230 Wilson JR → Nielsen FM 403-414 Wooden JL, Czamanske GK, Zientek ML: A lead isotopic study of the Stillwater Complex, Montana: constraints on crustal contamination and source regions 80-93

Zhang Z, Saxena SK: Thermodynamic properties of andradite and application to skarn with coexisting andradite and hedenbergite 255-263

Zientek ML. → Wooden JL. 80-93

Indexed in Current Contents/ Abstracted in Mineralogical Abstracts

